

## Pactola Dam, SD

Latitude	44 04 N
Longitude	103 29 W
Elevation	4720
Station Record Begins	8/1/1951

### 30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	36.7	10.5	23.6	0.28	4.6
February	37.7	10.9	24.3	0.48	6.1
March	43.6	17.4	30.5	1.13	11.2
April	51.4	25.1	38.3	2.15	12.1
May	60.7	34.9	47.8	3.97	2.6
June	70.5	43.4	56.9	3.20	0.2
July	78.9	49.5	64.2	2.72	0.0
August	78.4	47.5	62.9	2.26	0.0
September	68.5	37.5	53.0	1.67	0.5
October	56.3	28.0	42.1	1.50	3.9
November	44.1	18.5	31.3	0.61	6.2
December	36.3	10.5	23.4	0.34	4.2
Annual	55.3	27.9	41.6	20.31	51.6

### January

#### Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	32.2	2006	10.8	1979
2	31.5	1986	13.5	1957
3	31.2	1981	13.9	1963
4	29.0	1990	15.2	1996
5	28.4	1983	15.3	1982
6	28.4	1958	17.0	1966
7	27.8	1965	17.7	1991
8	27.4	1967	18.0	1980
9	27.2	2015	18.2	1997
10	26.7	1956	18.3	1969

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	0.76	1975	0.45	01/03/1976
2	0.74	1971	0.43	01/31/1971
3	0.74	1996	0.42	01/09/1993
4	0.69	1993	0.32	01/07/1975
5	0.68	2003	0.29	01/10/1983
6	0.62	2013	0.27	01/04/1996
7	0.61	2005	0.24	01/12/1979
8	0.58	1968	0.24	01/01/1956
9	0.54	1999	0.21	01/01/1960
10	0.53	1976	0.20	01/28/2000

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	14.4	1996	8.0	01/09/1993
2	13.5	1975	6.5	01/05/2005
3	13.0	1993	6.0	01/31/1976
4	12.6	2005	6.0	01/31/1971
5	11.2	2003	5.0	01/07/1975
6	10.0	2009	4.2	01/12/2013
7	9.3	1976	4.0	01/27/1975
8	9.0	2013	3.5	01/12/1979
9	8.1	2000	3.3	01/26/1997
10	8.0	1971	3.2	01/28/2000

#### Snowfall

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	40.7	2012	17.4	1965
2	37.5	2007	19.0	2002
3	37.5	1986	22.2	1996
4	35.1	1968	23.1	1969
5	34.4	1963	23.4	1975
6	34.1	2004	23.6	1970
7	34.0	1981	25.1	1958
8	33.8	1961	25.2	1998
9	33.7	2010	25.7	1964
10	33.6	2000	26.7	1980

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	2.29	1973	1.23	03/14/1973
2	2.23	1992	1.13	03/11/1988
3	2.21	2006	1.01	03/16/1963
4	1.99	1998	0.85	03/05/1992
5	1.92	2007	0.83	03/30/2007
6	1.83	1983	0.82	03/29/1998
7	1.81	2003	0.77	03/08/2000
8	1.58	2002	0.74	03/29/2007
9	1.57	1966	0.70	03/30/1998
10	1.55	1971	0.70	03/18/1971

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	35.3	2006	18.0	03/14/1973
2	25.7	2002	15.0	03/16/1963
3	23.0	1973	14.0	03/11/1988
4	23.0	1971	12.0	03/18/1971
5	22.2	2009	10.0	03/22/1966
6	22.0	1998	8.8	03/20/2006
7	21.5	1963	8.3	03/13/2006
8	20.0	1966	8.0	03/30/1998
9	18.0	1970	8.0	03/19/1983
10	18.0	1963	8.0	03/09/1970

### February

#### Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	31.5	1991	12.0	1989
2	31.2	1983	15.5	2014
3	31.2	1977	17.2	2011
4	31.1	1999	17.4	1993
5	30.4	1998	17.5	1994
6	30.3	1961	17.7	2010
7	30.2	1963	17.9	1960
8	29.8	1984	18.2	2001
9	29.5	2000	19.4	2007
10	29.5	1992	19.4	1985

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.59	1987	0.70	02/26/2004
2	1.24	1986	0.63	02/27/1987
3	0.98	2011	0.56	02/07/2001
4	0.84	1969	0.54	02/21/2011
5	0.83	2001	0.45	02/20/1986
6	0.79	1991	0.41	02/27/1969
7	0.78	2004	0.38	02/03/1997
8	0.77	1971	0.33	02/18/1991
9	0.75	2007	0.33	02/15/1987
10	0.72	1976	0.32	02/05/1986

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	20.5	1987	9.0	02/09/1966
2	15.3	2001	8.2	02/07/2001
3	14.9	2011	7.5	02/27/1987
4	12.0	1966	6.5	02/21/2011
5	11.9	1990	6.1	02/29/2004
6	11.0	1969	6.0	02/09/1960
7	11.0	1959	5.0	02/27/1969
8	10.5	1993	4.8	02/13/1990
9	10.5	1971	4.6	02/05/1976
10	10.2	1976	4.5	02/26/2011

#### Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	6.96	1971	2.27	04/19/2000
2	4.99	1963	2.01	04/08/1975
3	4.71	1976	1.97	04/26/1984
4	4.38	2000	1.93	04/20/1973
5	4.37	1984	1.80	04/27/1976
6	4.08	2010	1.61	04/20/1971
7	3.99	1991	1.56	04/24/2010
8	3.98	1999	1.49	04/27/1963
9	3.83	1973	1.26	04/18/1971
10	3.75	1986	1.17	04/22/2004

#### Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	41.2	2013	16.0	04/01/2013
2	37.5	1984	13.9	04/19/2000
3	29.0	1958	13.5	04/27/1976
4	28.8	2000	13.1	04/22/2001

### May

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
53.7	1955	43.4	1967
53.5	1987	43.6	2002
53.5	1985	43.6	1975
53.0	1958	43.7	1996
52.6	1994	43.8	1995
52.5	1988	44.2	2011
51.4	1964	44.3	2010
51.3	1956	44.3	2008
51.1	2007	44.5	1968
50.7	1963	44.9	1990

### Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
10.29	1962	4.24	05/18/1981	0.27	1966
9.51	1965	3.43	05/15/1965	0.90	2009
9.03	2008	2.94	05/23/2008	1.40	1979
8.28	1991	2.54	05/12/1991	1.46	1985
8.09	1957	2.47	05/20/2011	1.49	1961
7.97	1996	2.31	05/08/1995	1.71	1989
7.61	2011	2.16	05/24/1976	1.78	1974
7.42	1981	1.66	05/26/1997	1.82	1984
6.97	1995	1.62	05/24/1965	1.85	1958
6.25	1982	1.61	05/12/2005	1.94	1980

### Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
18.0	1965	14.0	05/09/1965	0.0	MANY
11.2	2010	7.6	05/12/2005		
11.1	2008	6.0	05/01/1967		
11.0	1996	5.5	05/03/1991		
10.8	2002	5.0	05/09/1979		
10.0	1967	4.7	05/11/2002		
7.6	2005	4.4	05/02/1997		
5.5	1991	4.0	05/28/1996		
5.5	1983	4.0	05/10/1996		
5.5	1979	4.0	05/01/1993		

### July

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
69.4	1966	57.6	1992
69.2	2007	58.3	1993
68.8	2006	58.5	1958
67.8	1955	59.0	1972
67.7	2002	59.3	1971
67.6	1989	60.0	2009
67.5	2003	60.8	1991
67.3	1957	61.4	1973
67.2	1983	61.4	1962
67.1	1974	61.9	1994

### Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
8.51	1979	3.38	07/04/1979	0.61	2003
5.97	1962	2.62	07/18/1974	0.73	1988
5.92	1984	2.25	07/14/1957	0.96	2007
5.18	1981	2.02	07/03/2009	1.12	2006
4.93	2001	1.73	07/16/1995	1.35	2010
4.50	1978	1.72	07/28/1962	1.35	1975
4.47	1995	1.60	07/09/1973	1.40	1980
4.42	1990	1.38	07/07/2002	1.47	1987
4.33	1974	1.38	07/09/1991	1.49	1960
4.17	1992	1.36	07/20/1973	1.54	1994

### Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

### September

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
59.7	1963	44.1	1965
59.1	1998	47.9	1993
57.9	2013	48.9	2006
57.7	1969	49.1	1984
57.6	1979	49.3	1999
57.2	1978	49.3	1961
57.0	1990	49.6	1974
56.8	1958	49.7	1986
56.5	1955	50.1	1985
56.3	1960	50.2	1973

### Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
5.87	1986	2.53	09/14/1998	0.04	1975
4.39	1998	2.16	09/25/1986	0.06	2012
4.14	1989	2.12	09/30/2014	0.19	1979
4.11	2014	2.00	09/01/1963	0.22	1988
3.50	1963	1.89	09/21/1989	0.23	1956
3.21	1966	1.51	09/13/2009	0.26	1958
3.19	2002	1.37	09/23/2006	0.38	1972
2.75	1982	1.14	09/21/1998	0.43	1969
2.63	2006	1.10	09/14/1966	0.50	1981
2.42	1959	1.09	09/20/1955	0.51	1992

### Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
6.0	1955	4.5	09/23/1955	0.0	MANY
5.8	2014	4.3	09/11/2014		
4.0	2000	4.0	09/26/1996		
4.0	1996	3.0	09/23/2000		
3.0	1995	2.5	09/20/1995		
3.0	1965	2.0	09/16/1965		
2.0	1985	2.0	09/22/1960		
2.0	1960	1.5	09/12/2014		
1.0	1999	1.5	09/24/1955		
1.0	1984	1.0	MANY		

### June

Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
66.9	1988	51.6	1998
63.9	1956	51.9	1969
62.1	2012	52.9	2004
61.8	1986	53.1	1967
61.4	1959	53.4	2009
61.3	1961	53.8	1982
60.1	2006	54.0	2003
59.8	1994	54.2	1975
59.6	1990	54.6	2008

### Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
13.51	1972	7.16	06/10/1972	0.58	1987
8.70	1962	3.91	06/15/1976	0.83	1994
7.98	1967	3.11	06/12/1970	0.87	2002
7.36	1963	2.49	06/05/1972	0.88	1990
7.06	1976	2.20	06/15/1962	0.96	1974
6.25	1998	2.06	06/07/1993	1.26	1956
6.06	1999	1.93	06/24/2000	1.30	1973
5.94	1964	1.87	06/15/1963	1.39	1985
5.80	1991	1.75	06/17/1962	1.45	2013
5.69	2014	1.60	06/08/1964	1.46	1966

### Snowfall

GREATEST			LEAST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR
4.0	1998	4.0	06/13/1969		
4.0	1969	3.8	06/03/1998		
0.5	1995	0.5	06/01/1995		
0.2	1998	0.2	06/04/1998		
TR	1969	TR	06/14/1969		

### Rainfall

WETTEST			DRIEST		
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR




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**November**  
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	40.2	1999	16.6
2	37.4	1981	23.6
3	36.7	1962	24.0
4	36.5	1963	25.0
5	36.3	2009	25.3
6	36.2	1980	25.5
7	36.0	1987	26.0
8	35.9	1990	27.7
9	35.7	1965	27.8
10	35.5	2012	28.0

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1	2.02	1956	1.50
2	1.80	1985	1.02
3	1.51	1998	1.02
4	1.40	2000	0.66
5	1.27	2003	0.57
6	1.22	1986	0.53
7	1.03	1984	0.47
8	1.02	1991	0.46
9	1.02	1983	0.43
10	1.01	1988	0.42

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1	32.0	1956	24.0
2	22.5	1985	11.0
3	22.1	2003	7.8
4	17.1	2014	7.5
5	16.5	1998	7.4
6	15.0	1978	7.2
7	14.0	1983	6.0
8	13.0	1986	6.0
9	12.6	2011	6.0
10	11.0	1991	5.5

Top 30 Precipitation Events

Rainfall		Snowfall	
AMOUNT	DATE	AMOUNT	DATE
1	7.16	06/10/1972	35.0
2	4.24	05/18/1981	24.0
3	3.91	06/15/1976	18.0
4	3.43	05/15/1965	16.0
5	3.38	07/04/1979	15.0
6	3.11	06/12/1970	14.0
7	2.94	05/23/2008	14.0
8	2.87	08/06/1970	13.9
9	2.62	07/18/1974	13.5
10	2.54	05/12/1991	13.1
11	2.53	09/14/1998	13.0
12	2.49	06/05/1972	13.0
13	2.47	05/20/2011	12.0
14	2.44	10/11/1982	12.0
15	2.42	10/05/2013	12.0
16	2.31	05/08/1995	12.0
17	2.27	04/19/2000	12.0
18	2.25	07/14/1957	11.2
19	2.20	06/15/1962	11.0
20	2.16	09/25/1986	10.0
21	2.16	05/24/1976	10.0
22	2.15	10/16/1994	10.0
23	2.12	09/30/2014	9.6
24	2.06	06/07/1993	9.0
25	2.02	07/03/2009	9.0
26	2.01	04/08/1975	9.0
27	2.00	09/01/1963	9.0
28	1.97	04/26/1984	9.0
29	1.93	06/24/2000	9.0
30	1.93	04/20/1973	9.0

**December**  
Average Temperature

WARMEST		COLDEST	
Avg	Year	Avg	Year
1	32.1	1957	10.6
2	31.3	1959	15.5
3	30.4	1973	17.0
4	29.9	1999	17.2
5	29.8	1956	17.9
6	29.5	1975	17.9
7	29.2	1994	19.1
8	29.2	1979	19.2
9	29.0	1965	19.3
10	28.6	2004	19.4

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1	0.38	1955	0.59
2	0.80	1964	0.47
3	0.77	1992	0.43
4	0.76	1996	0.40
5	0.73	1985	0.40
6	0.68	1980	0.38
7	0.65	1970	0.35
8	0.64	2007	0.33
9	0.61	1978	0.32
10	0.59	1983	0.31

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
1	16.4	1992	9.0
2	15.8	1996	9.0
3	14.5	1955	7.0
4	12.5	2009	6.5
5	11.9	2007	6.0
6	11.5	1964	5.0
7	11.0	1970	5.0
8	10.5	1985	5.0
9	10.0	1966	4.9
10	9.0	1980	4.8

Yearly Rainfall

Wettest		Driest	
AMOUNT	YEAR	AMOUNT	YEAR
1	31.87	1962	11.38
2	28.76	1998	11.88
3	28.11	1972	13.09
4	27.73	1982	13.35
5	27.68	1991	13.45
6	27.54	1996	13.60
7	26.01	2008	13.94
8	25.96	1986	13.97
9	25.77	1963	14.84
10	25.10	1995	15.67

Snowfall

Most Snow		Least Snow	
AMOUNT	YEAR	AMOUNT	YEAR
1	99.6	2013-14	18.5
2	87.9	1996-97	25.0
3	85.2	2008-09	25.6
4	82.2	2012-13	27.5
5	78.5	1995-96	29.0
6	72.3	2009-10	32.0
7	71.0	1983-84	32.0
8	70.9	1992-93	32.2
9	70.0	1956-57	33.2
10	68.5	1985-86	34.0